

AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph [0022] with the following amended paragraph:

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A/ [0022] As shown in FIG. 2, in accordance with the preferred embodiments, the implantable sensor 20 includes a flush sleeve 30 in a tight fit connection surrounding the sensor 20, which allows fluid communication along the length of the sensor 20. Around the sensor tip 23, the flush sleeve 30 contains a small orifice 32, which comprises a one-way valve 5, to allow fluid to spray off the sensor tip 23. More than one orifice 32 can be placed at the distal end of the flush sleeve 30 to direct fluid to different locations of the sensor tip 23. Alternatively, the flush sleeve may be an elastomeric cover, such as, but not limited to, rubber, plastic, silicone, polyurethane, polystyrene, or the like, that fits tightly around the sensor 20. When fluid is introduced into the flush sleeve, the flush sleeve expands under pressure so that the surrounding edge of the flush sleeve near the sensor tip separates from the sensor 20 to form at least one orifice 32 to permit the fluid to spray over the sensor tip. The edge of the sleeve may be configured and/or tailored to provide specific spray patterns, multiple orifices, selective openings, or the like, with the configuration being dependent on the type of environment where the sensor is implanted, the type of deposits to be removed, and the type of sensor.

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